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NEWS 8 AUG 04 Pricing for the Save Answers for SciFinder Wizard within
STN Express with Discover! will change September 1, 2004
NEWS 9 AUG 27 BIOCOMMERCE: Changes and enhancements to content coverage
NEWS 10 AUG 27 BIOTECHABS/BIOTECHDS: Two new display fields added for legal
status data from INPADOC
NEWS 11 SEP 01 INPADOC: New family current-awareness alert (SDI) available
NEWS 12 SEP 01 New pricing for the Save Answers for SciFinder Wizard within
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NEWS 13 SEP 01 New display format, HITSTR, available in WPIDS/WPINDEX/WPIX
NEWS 14 SEP 14 STN Patent Forum to be held October 13, 2004, in Iselin, NJ
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NEWS EXPRESS JULY 30 CURRENT WINDOWS VERSION IS V7.01, CURRENT
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=> CEA (1) CD40

L1 11 CEA (L) CD40

=> plasmid and L1

L2 1 PLASMID AND L1

=> bacterial (w) vector

L3 381 BACTERIAL (W) VECTOR

=> L3 and l1

L4 0 L3 AND L1

=> D L2 IBIB ABS

L2 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2003:719632 CAPLUS

DOCUMENT NUMBER: 139:244705

TITLE: DNA vaccines encoding carcinoembryonic antigen and a CD40 ligand for use in prevention and treatment of colon cancer

INVENTOR(S): Xiang, Rong; Reisfeld, Ralph A.

PATENT ASSIGNEE(S): The Scripps Research Institute, USA

SOURCE: PCT Int. Appl., 48 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003074712	A1	20030912	WO 2003-US6295	20030228
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
US 2003176377	A1	20030918	US 2002-90238	20020302
PRIORITY APPLN. INFO.:			US 2002-90238	A 20020302

AB DNA vaccines comprising one or more **plasmids** encoding carcinoembryonic antigen (**CEA**) and a **CD40** ligand for use in prevention and treatment of colon cancer are disclosed. The DNA vaccine effective for eliciting an immune response against cells expressing **CEA** comprises DNA encoding **CEA**, a **CD40** ligand, or its homotrimer, CD40LT, incorporated into a delivery vector such as an attenuated live bacterium (Salmonella

typhimurium) or virus. The DNA vaccine is administered orally to a mammal, such as a human or mouse, to elicit an immune response against CEA presenting cells such as colon cancer cells. The mammal may be treated with recombinant antibody fusion protein huKS1/4-IL2 to enhance the immune response. CEA-transgenic mice, which produce the human tumor self-antigen CEA, provide a useful model organism for the development and evaluation of human anti-tumor treatments. The dual functional oral DNA vaccine of the present invention has surprisingly broken peripheral T cell tolerance against CEA, in CEA-transgenic mice. Importantly, a CD8+ T cell-mediated rejection of a lethal challenge of murine colon carcinoma cells occurred that was completely effective in 100% of exptl. mice in a prophylactic setting.

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> DNA (w) vaccine
L5 5457 DNA (W) VACCINE

=> CEA and L5
L6 29 CEA AND L5

=> L6 and CD40
L7 3 L6 AND CD40

=> L7 an L3
MISSING OPERATOR L7 AN
The search profile that was entered contains terms or
nested terms that are not separated by a logical operator.

=> L7 and L3
L8 0 L7 AND L3

=> D L7 IBIB ABS 1-3